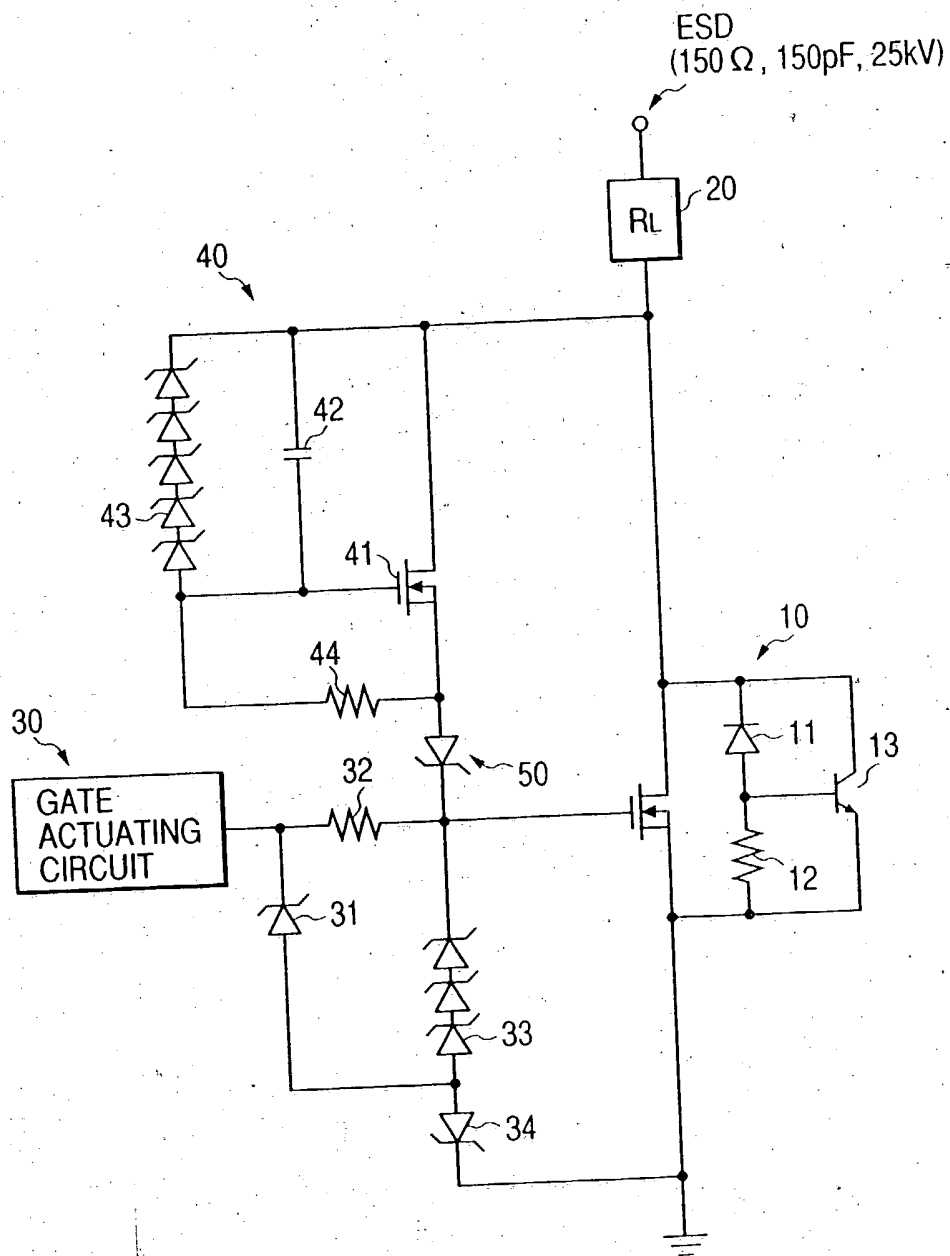


FIG. 1



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FIG. 2A

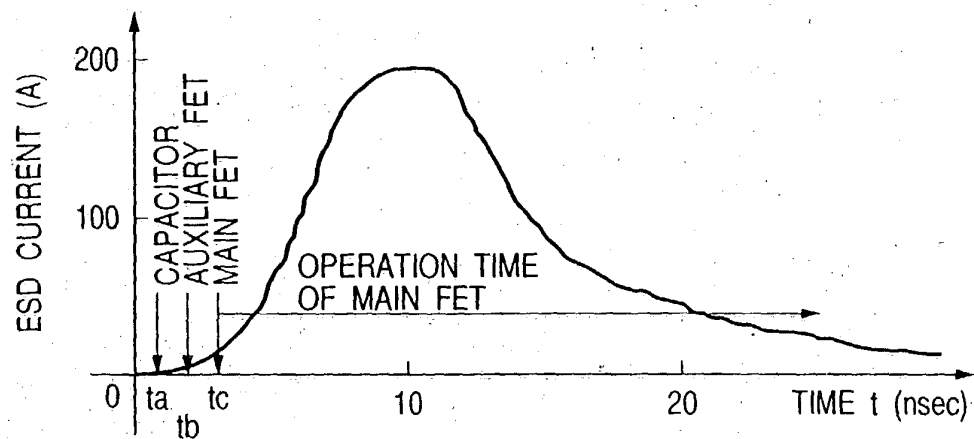
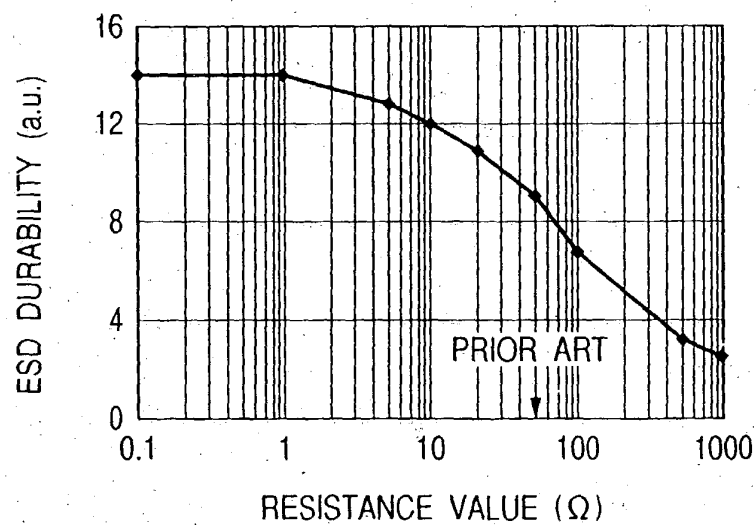


FIG. 2B



The diagram shows a gate actuating circuit 30 connected to the gate of a MOSFET 10. The MOSFET 10 has a drain connected to a load resistor RL 20 and a source connected to ground. The gate of the MOSFET 10 is connected to a network of components: a diode 11, a resistor 12, and a MOSFET 13. The gate of MOSFET 13 is connected to the drain of MOSFET 10. The source of MOSFET 13 is connected to ground. The drain of MOSFET 13 is connected to the gate of MOSFET 10. A diode 50 is connected between the gate of MOSFET 10 and the drain of MOSFET 10. A resistor 32 is connected between the gate of MOSFET 10 and ground. A diode 61 is connected between the gate of MOSFET 10 and the drain of MOSFET 10. A resistor 62a and a capacitor 62b are connected in series between the gate of MOSFET 10 and the drain of MOSFET 10. The current through the resistor 62a is labeled IG1, and the current through the capacitor 62b is labeled IG2.

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FIG. 4

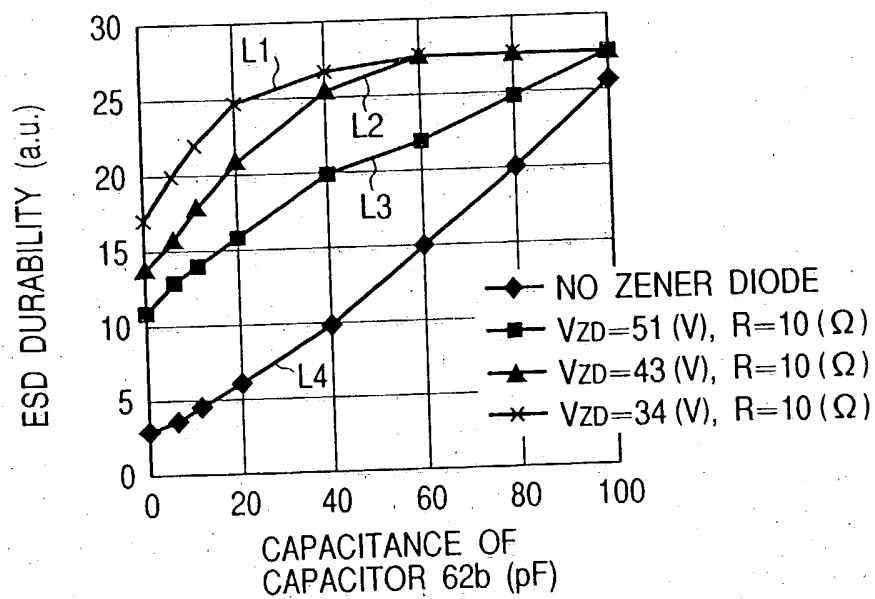
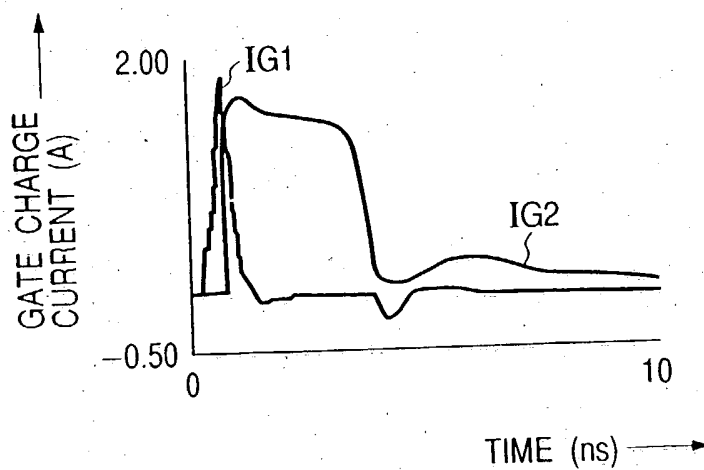
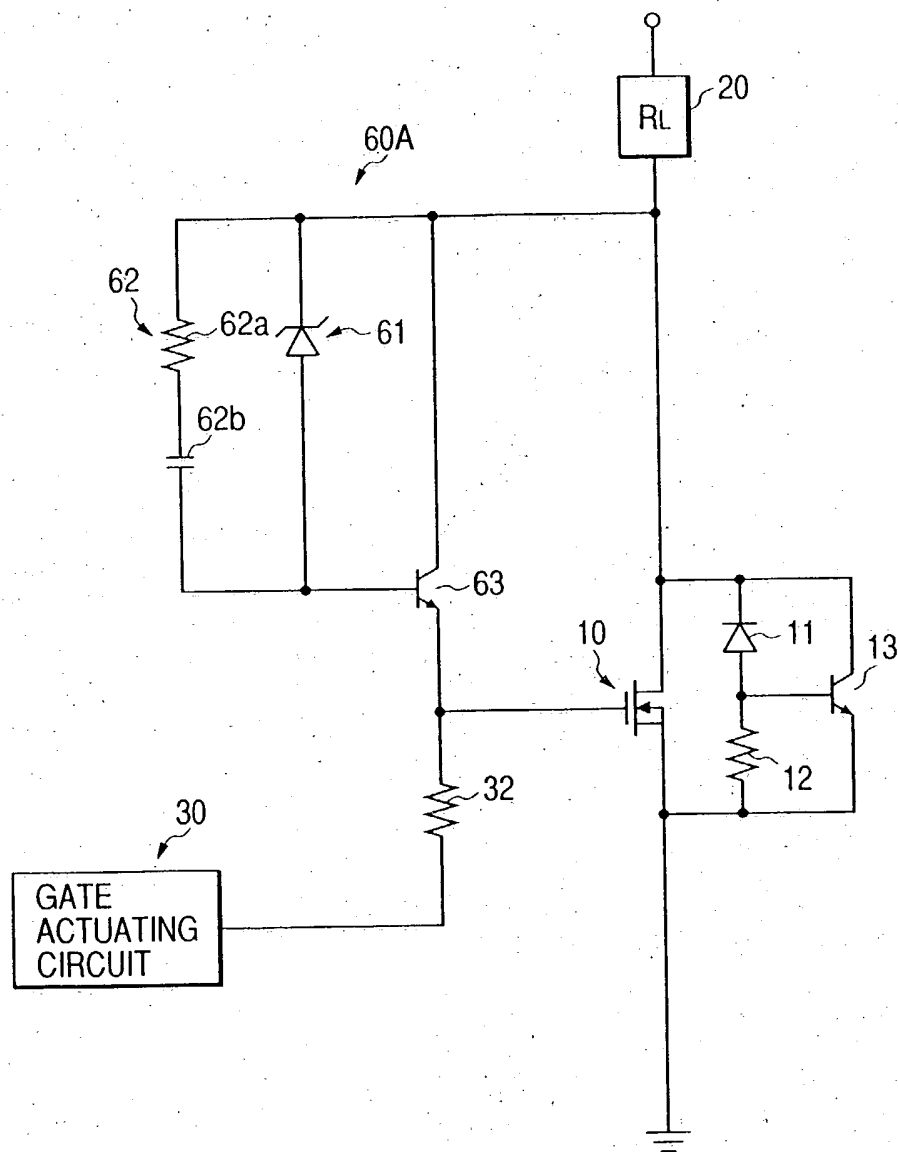


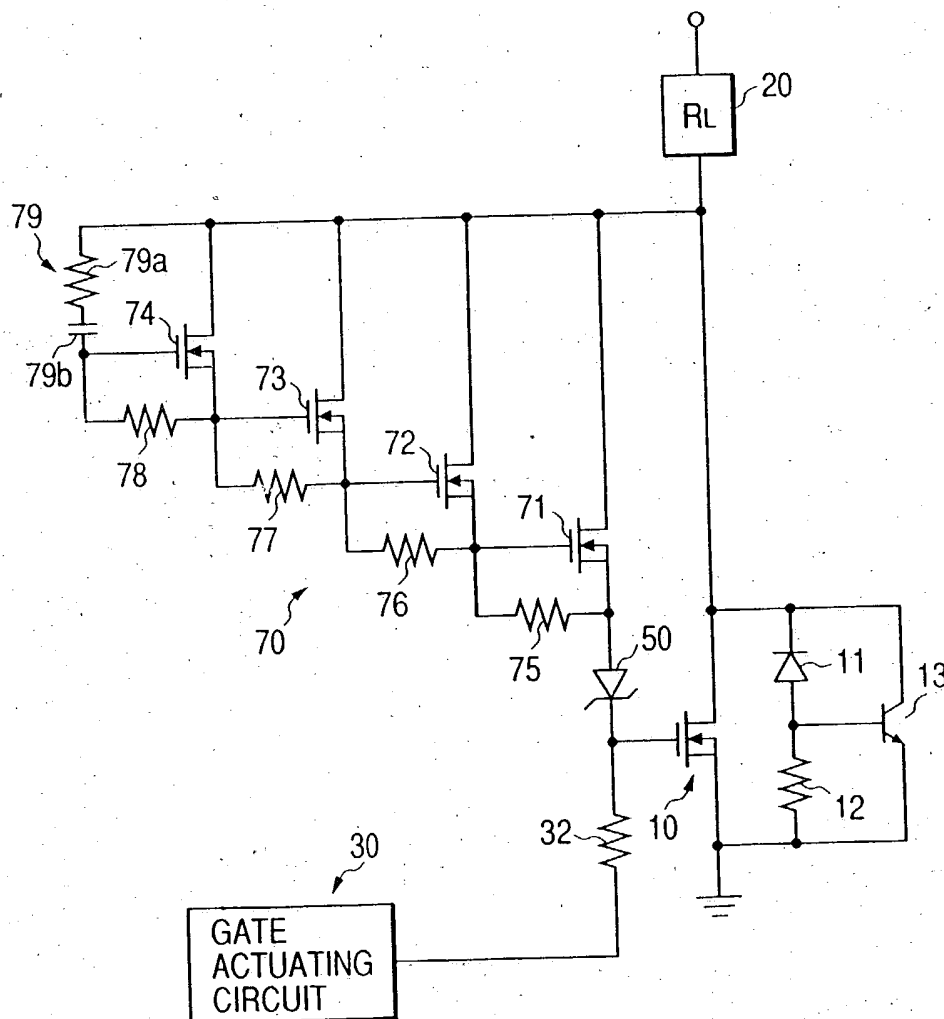
FIG. 5



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FIG. 6





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FIG. 8

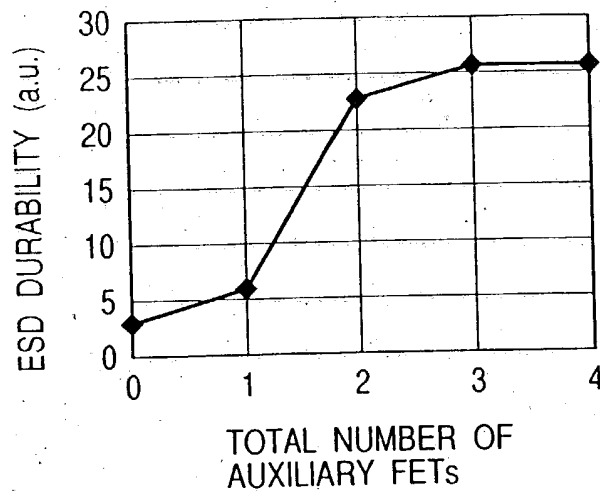


FIG. 10

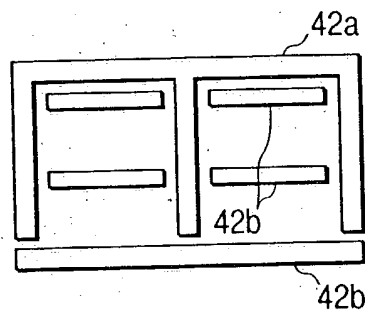


FIG. 11 PRIOR ART

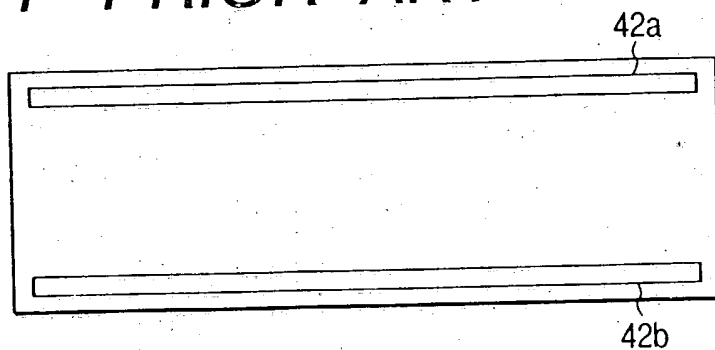


FIG. 9

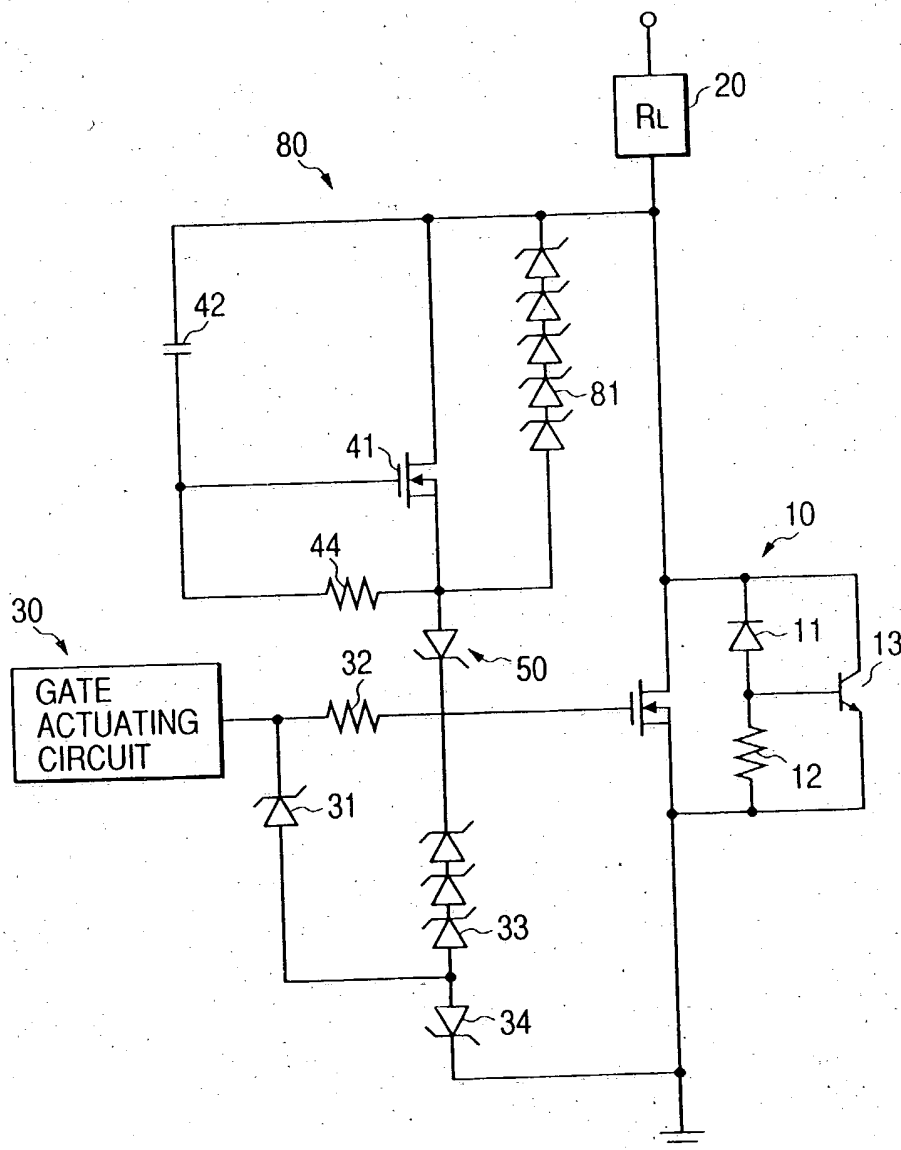


FIG. 12A

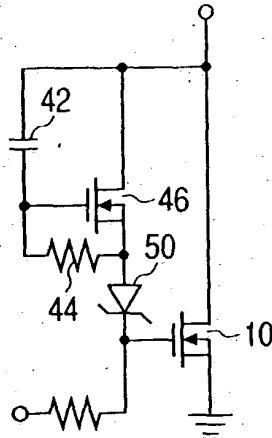


FIG. 12B

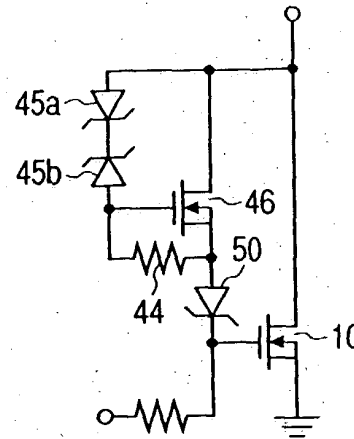


FIG. 14

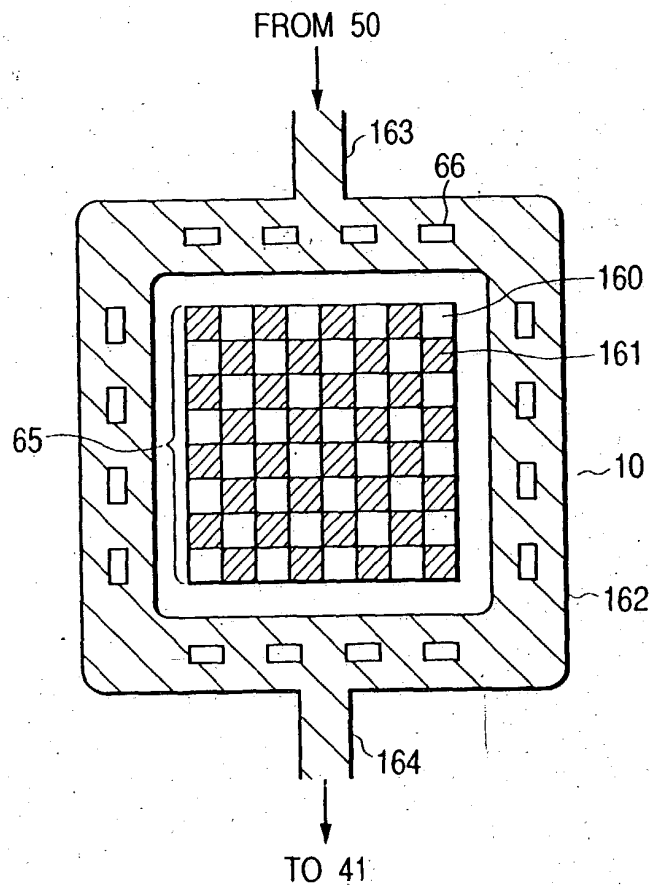


FIG. 13A

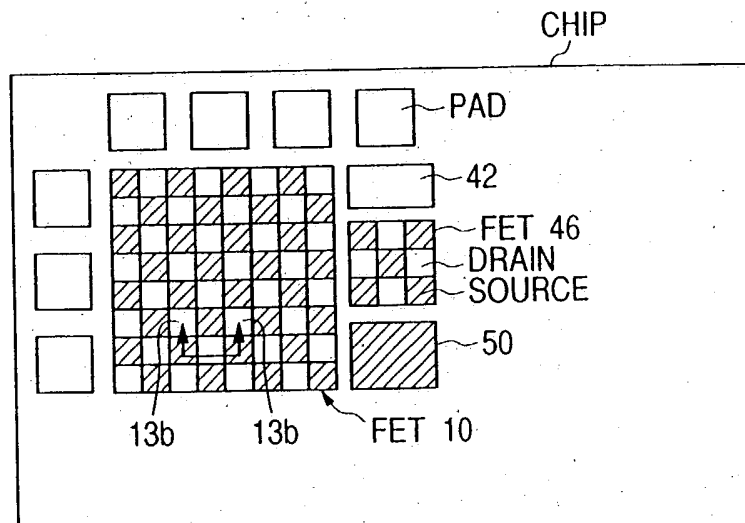


FIG. 13B

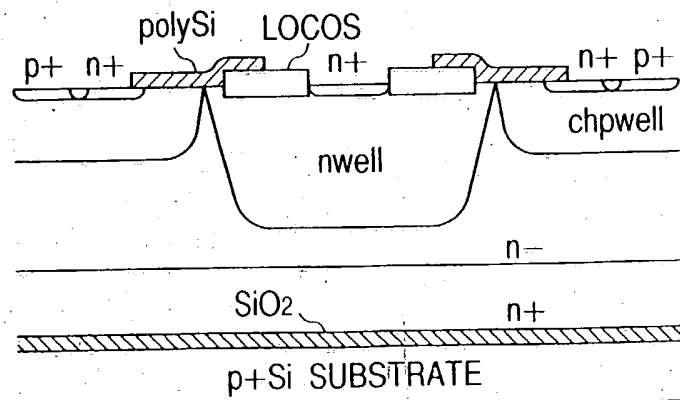


FIG. 15A

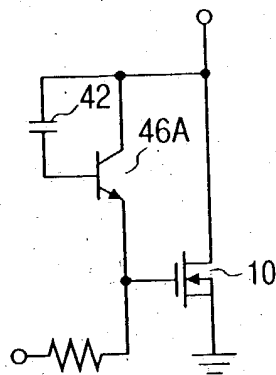


FIG. 15B

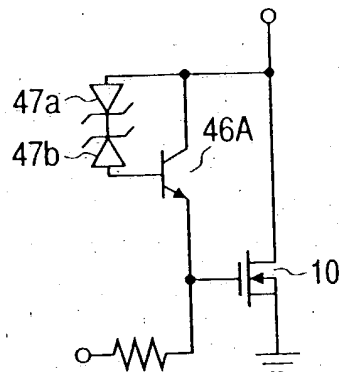


FIG. 16A

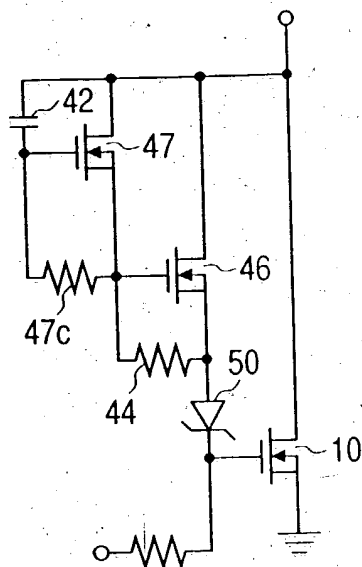
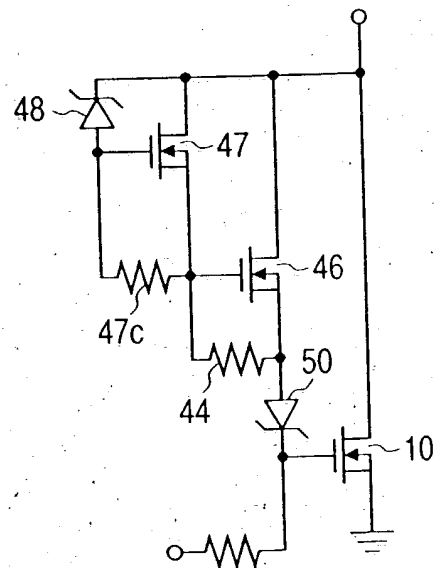


FIG. 16B



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FIG. 17A

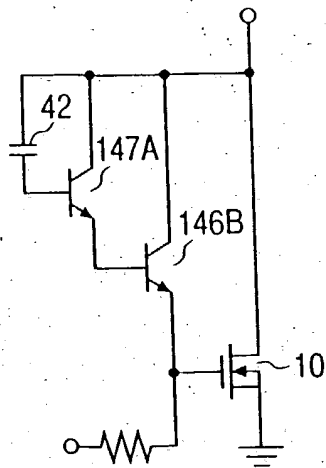


FIG. 17B

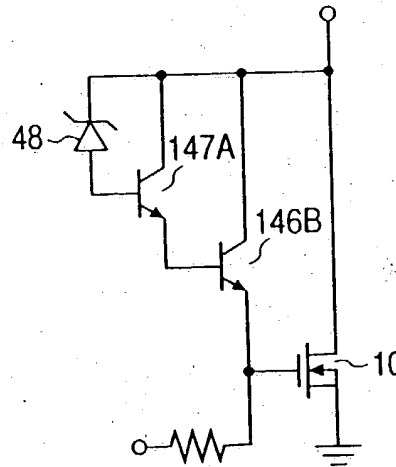


FIG. 18A

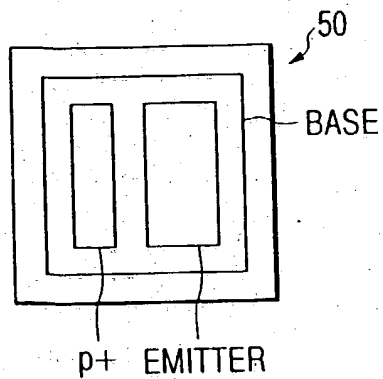


FIG. 18B
PRIOR ART

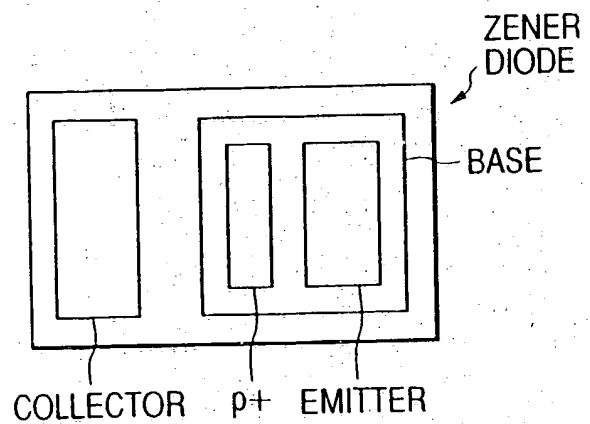


FIG. 19

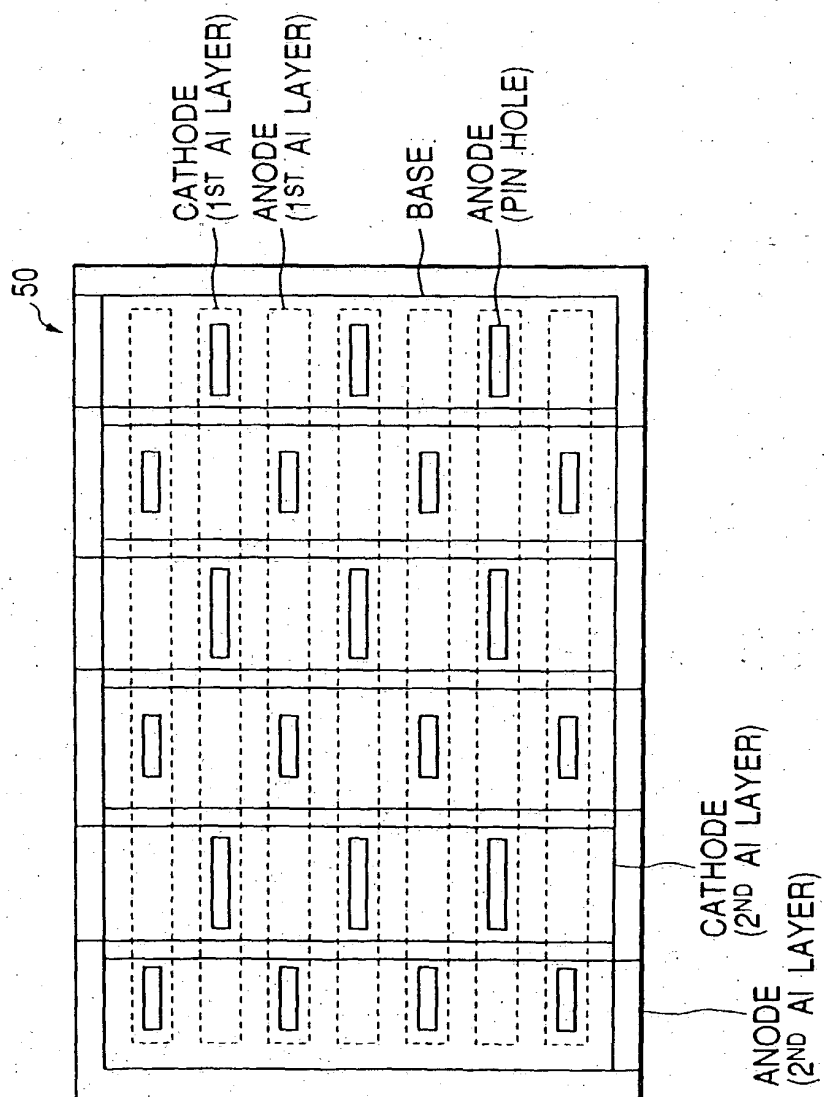


FIG. 20A

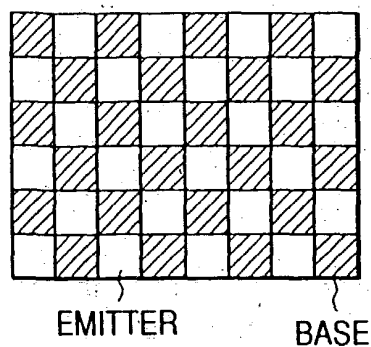


FIG. 20B

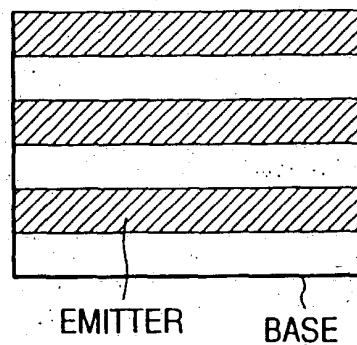


FIG. 21

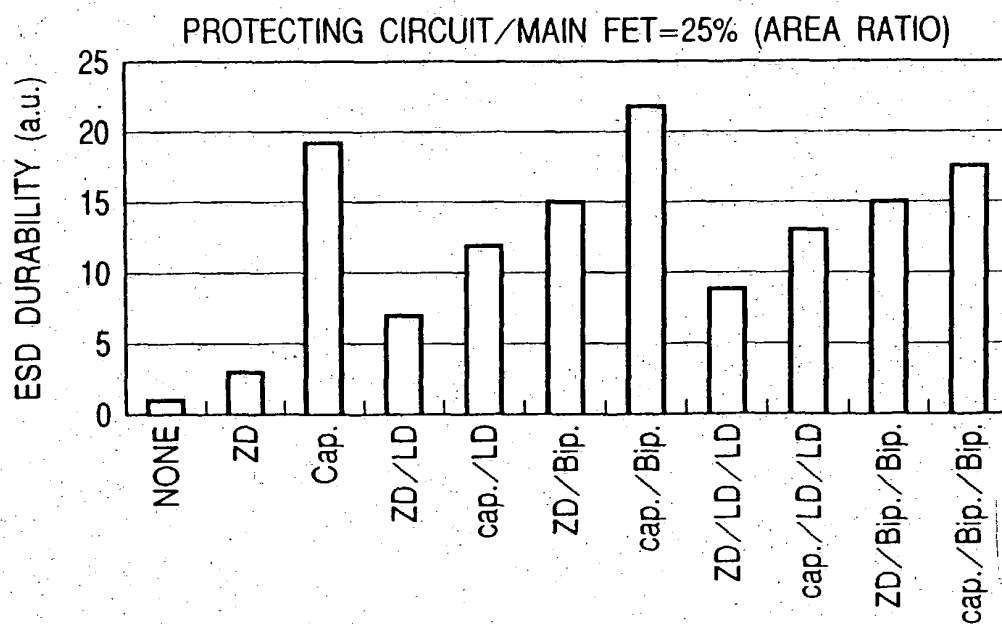
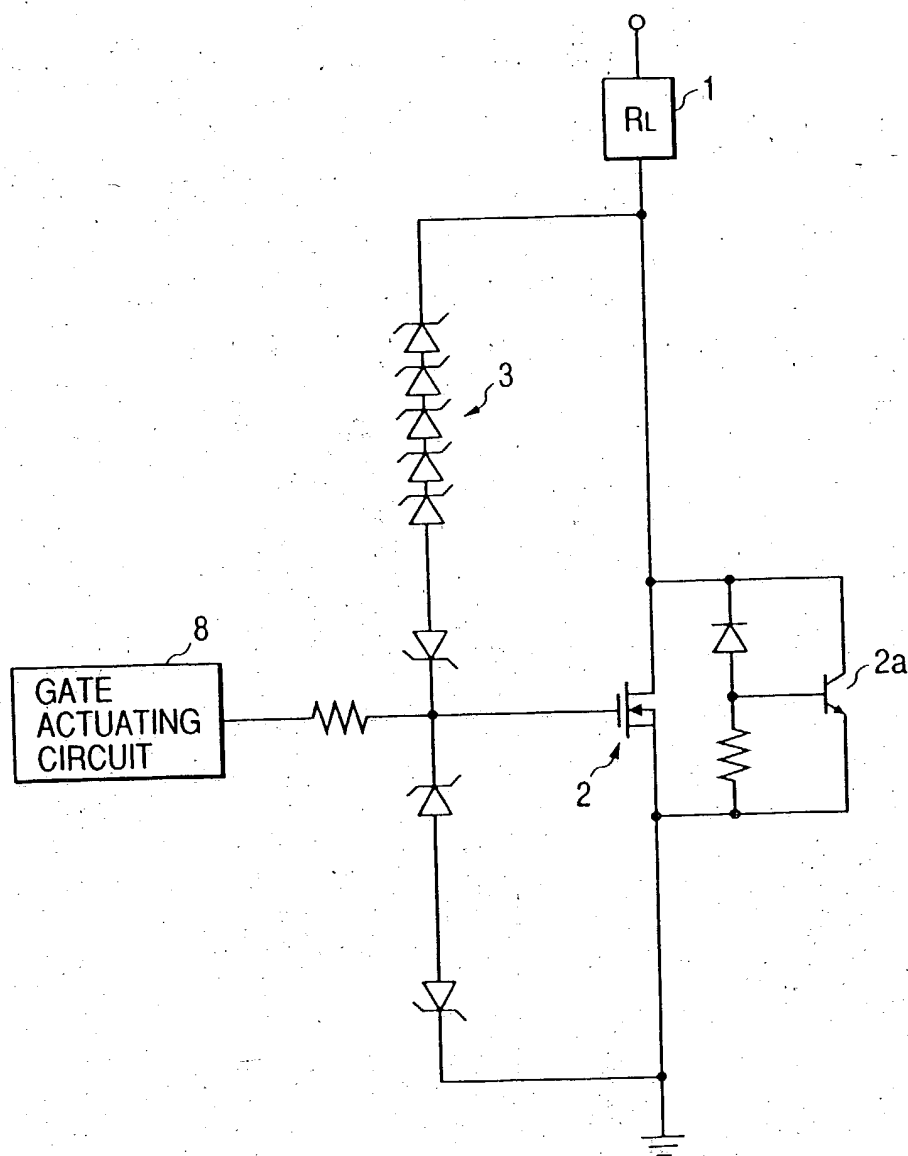
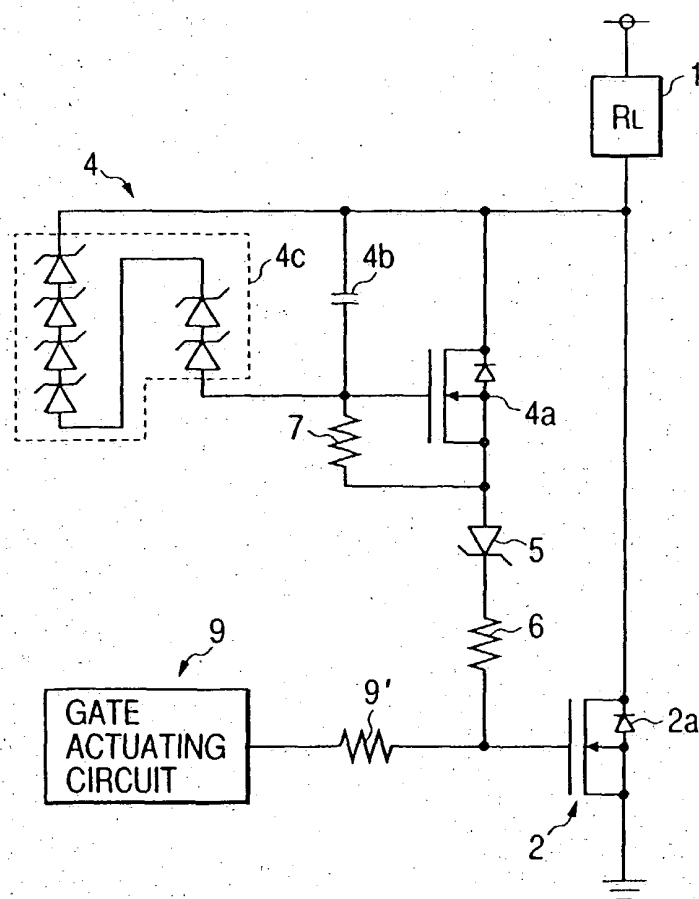


FIG. 22 PRIOR ART



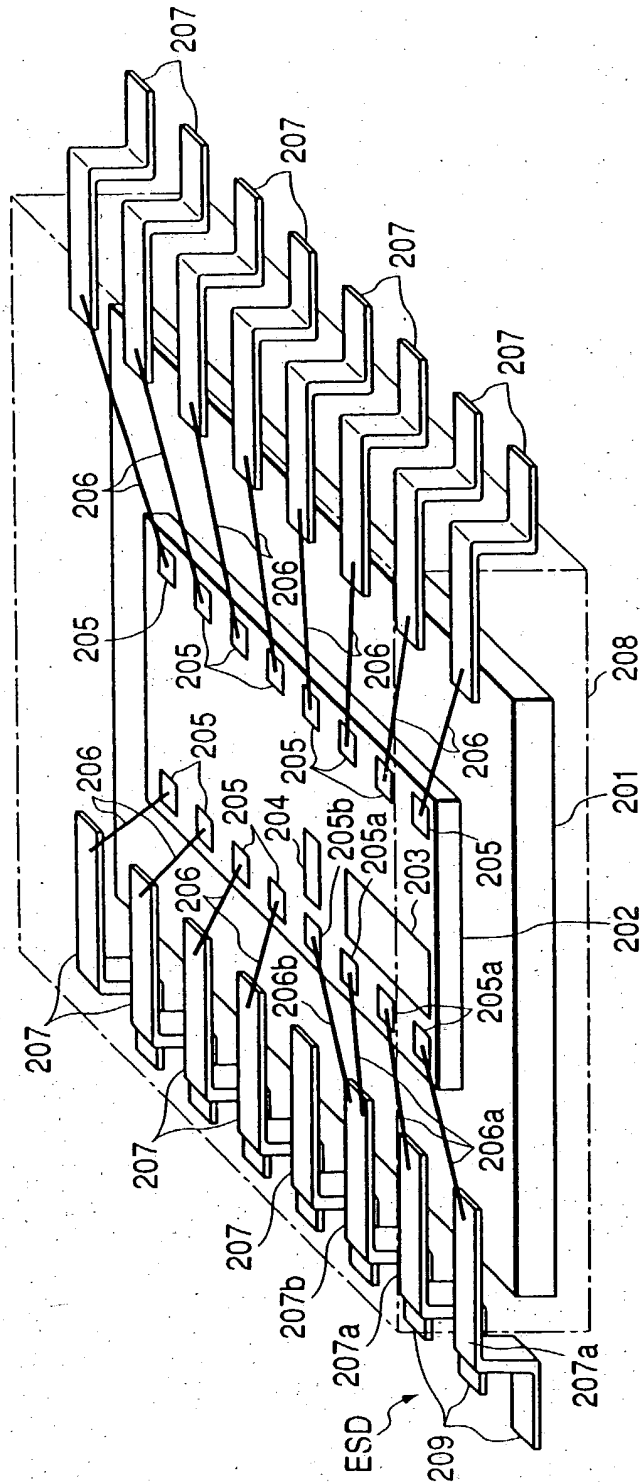
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FIG. 23 PRIOR ART



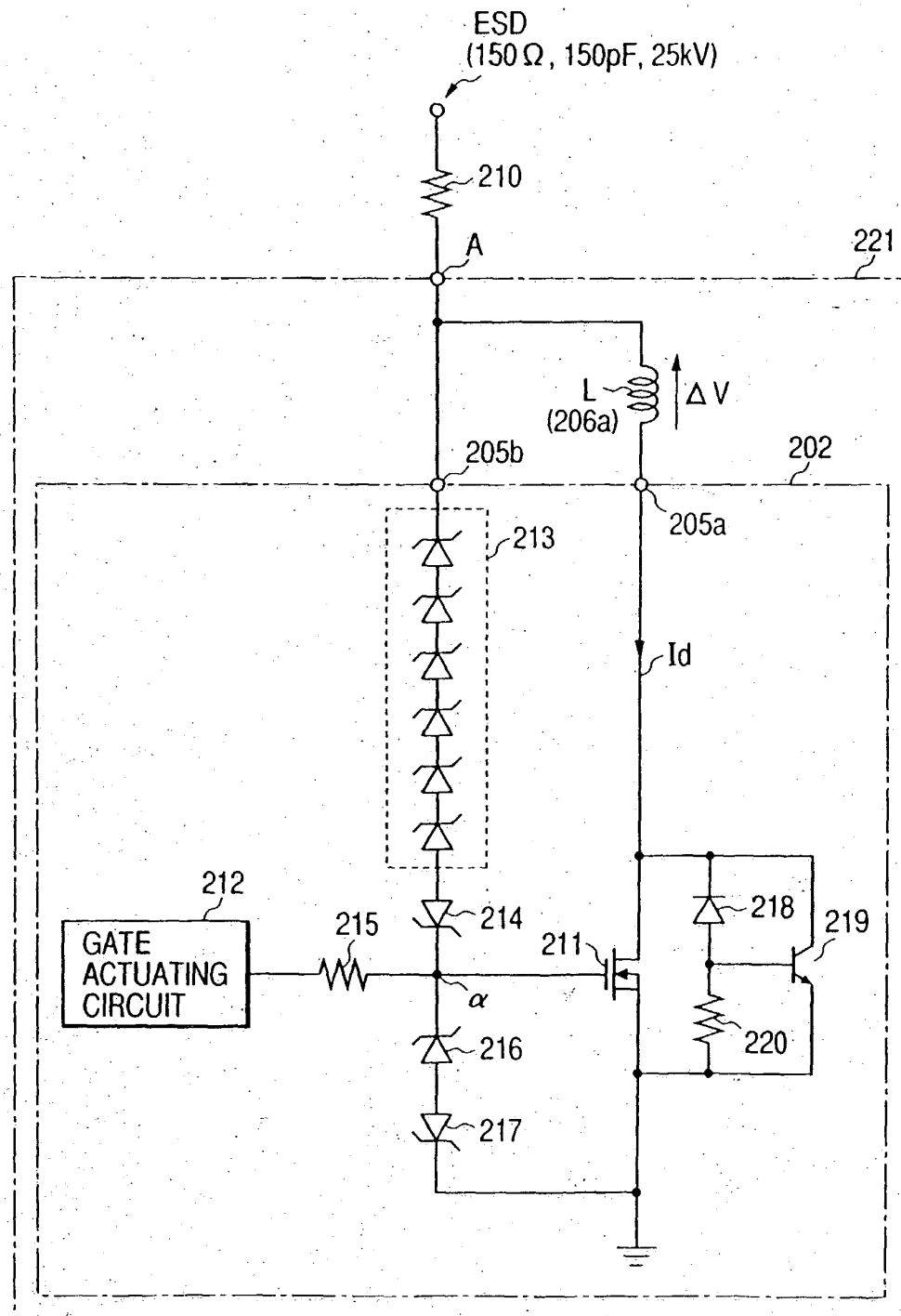
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FIG. 24



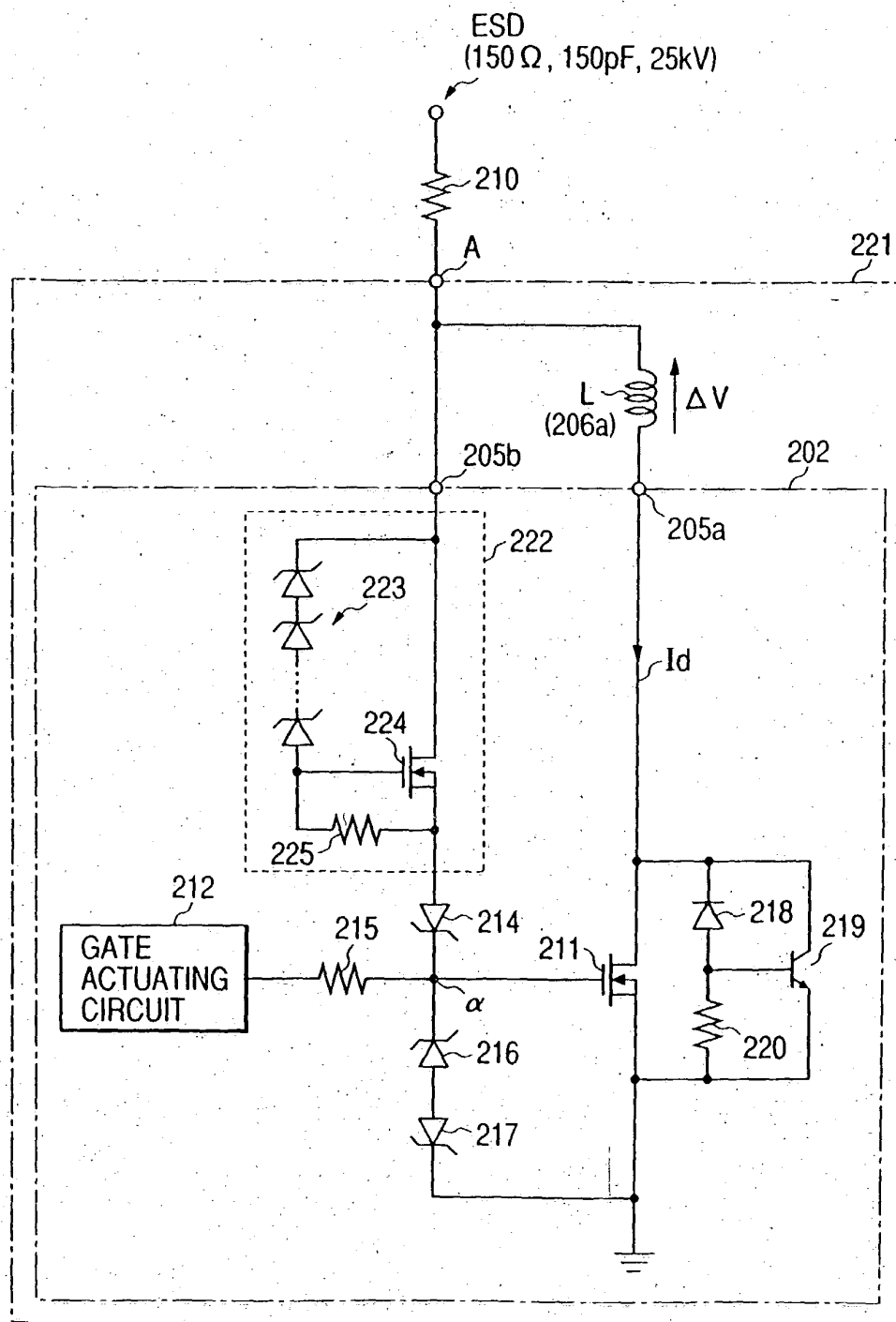
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FIG. 25



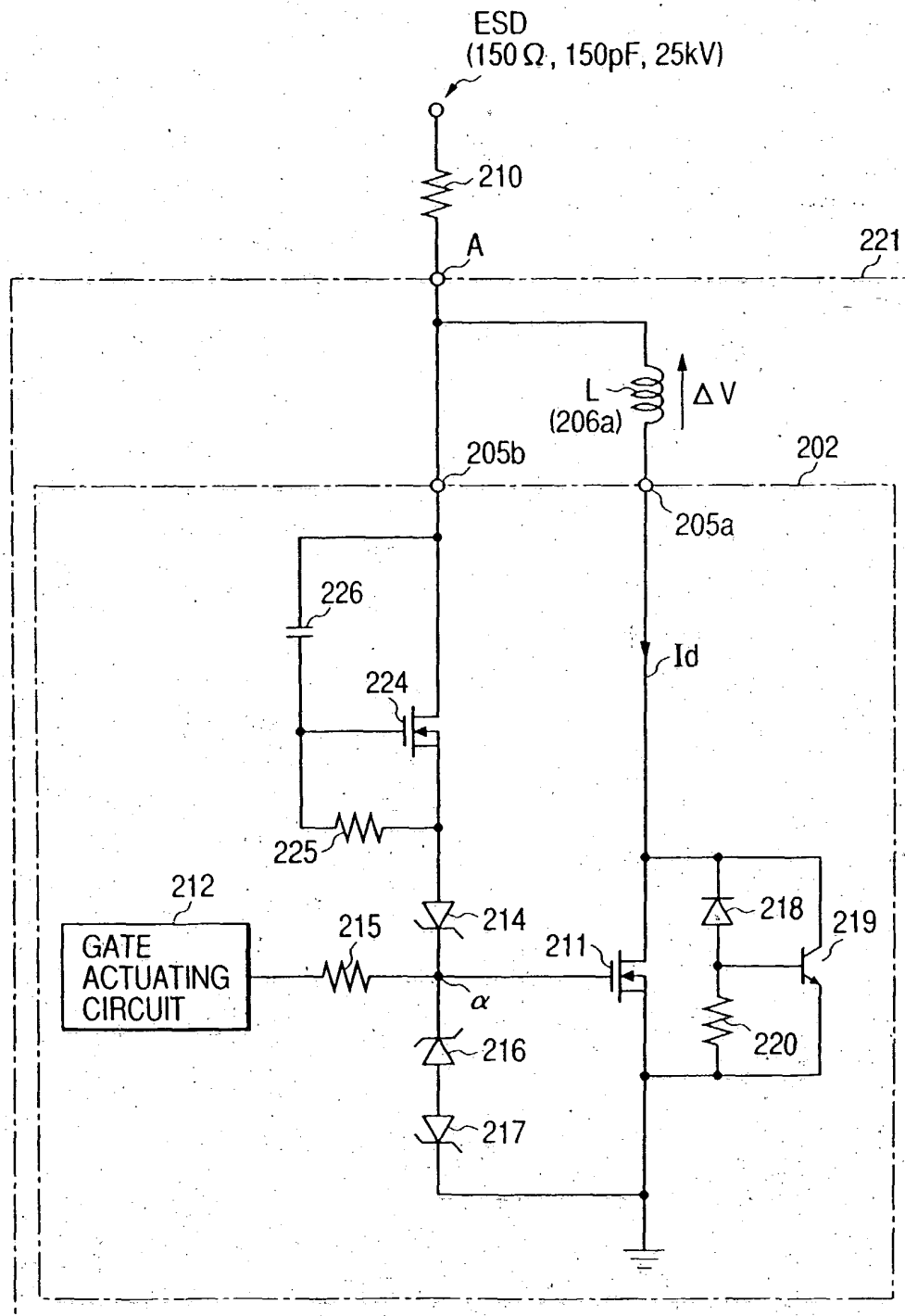
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FIG. 26



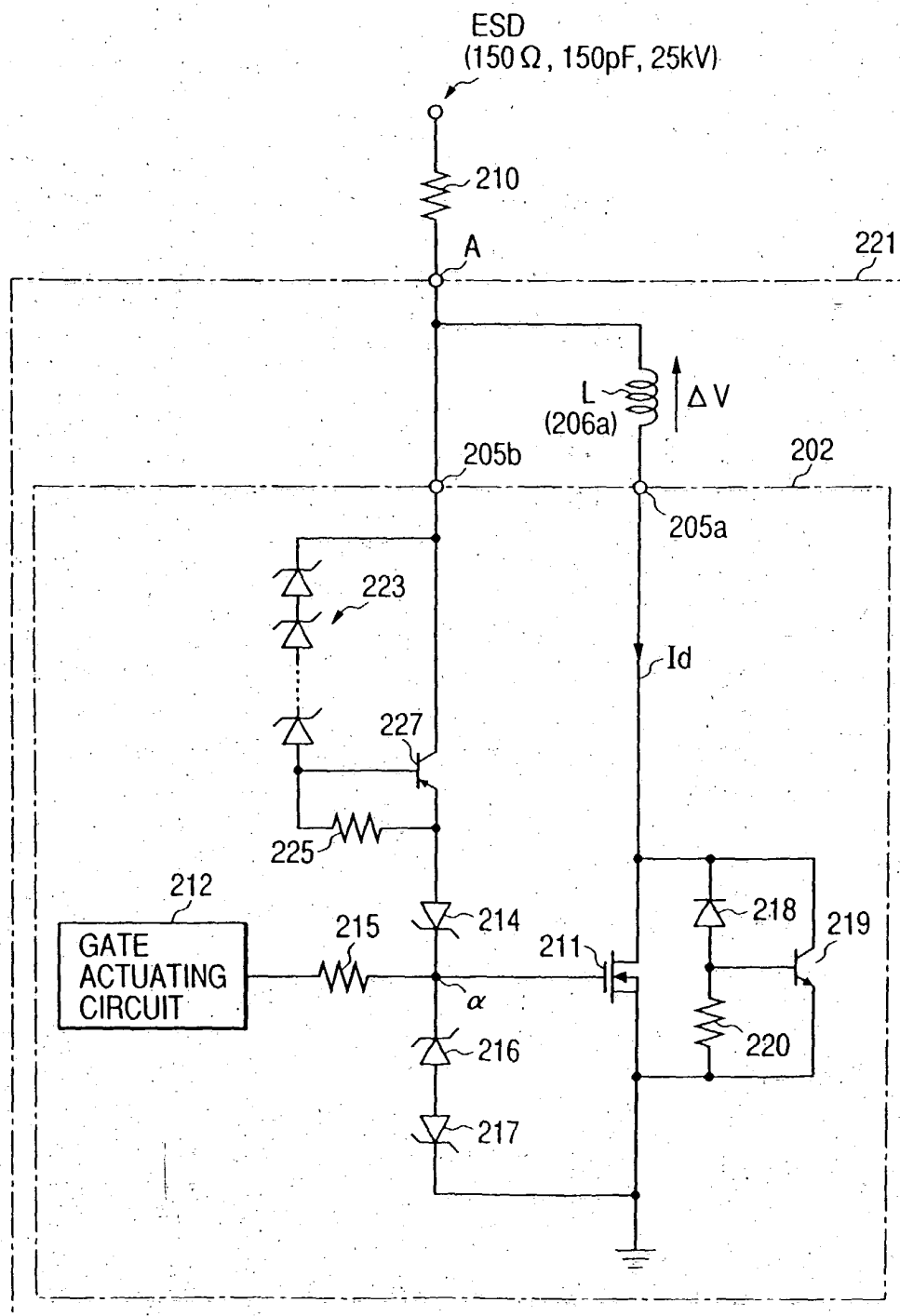
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FIG. 27



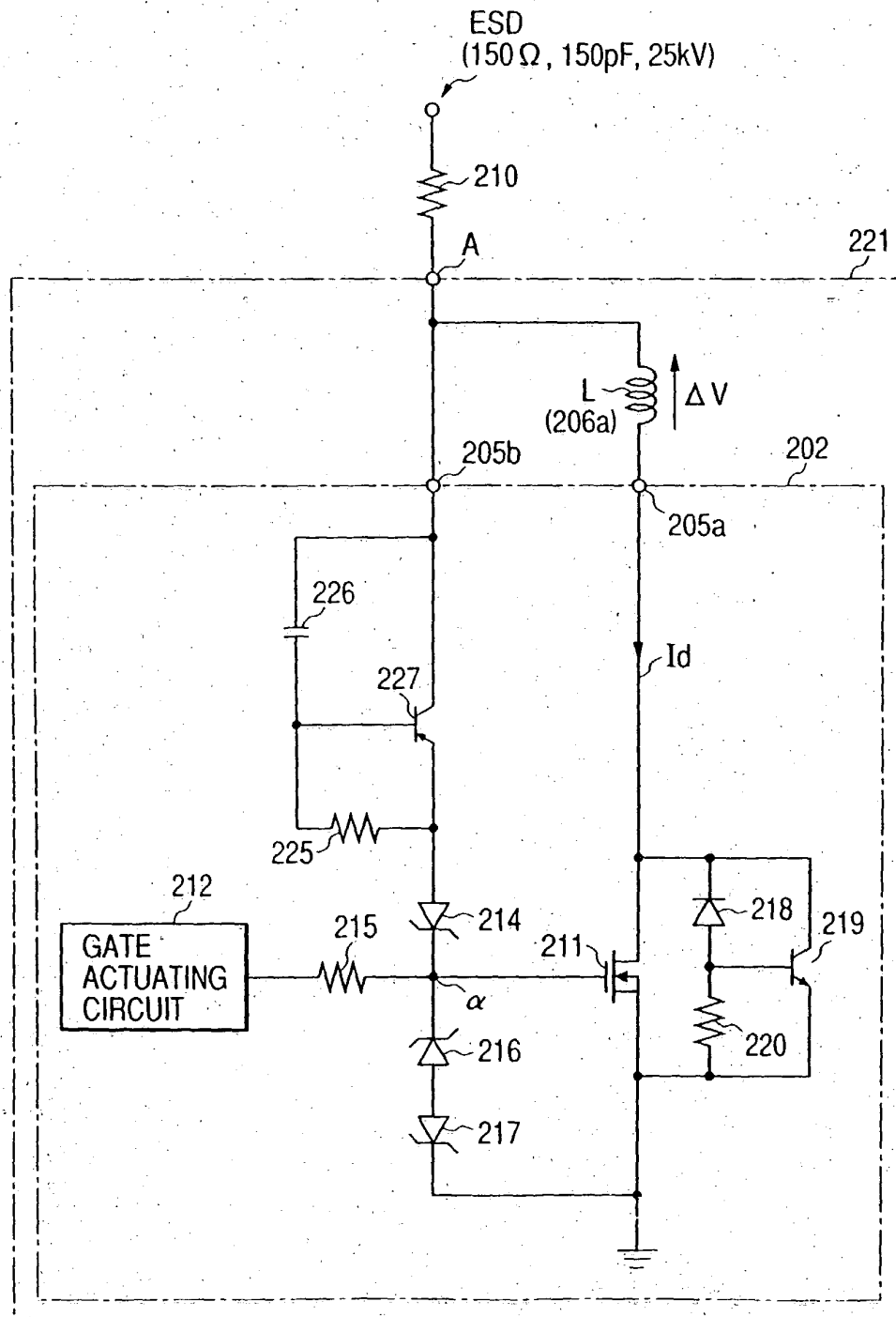
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FIG. 28



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FIG. 29



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FIG. 30

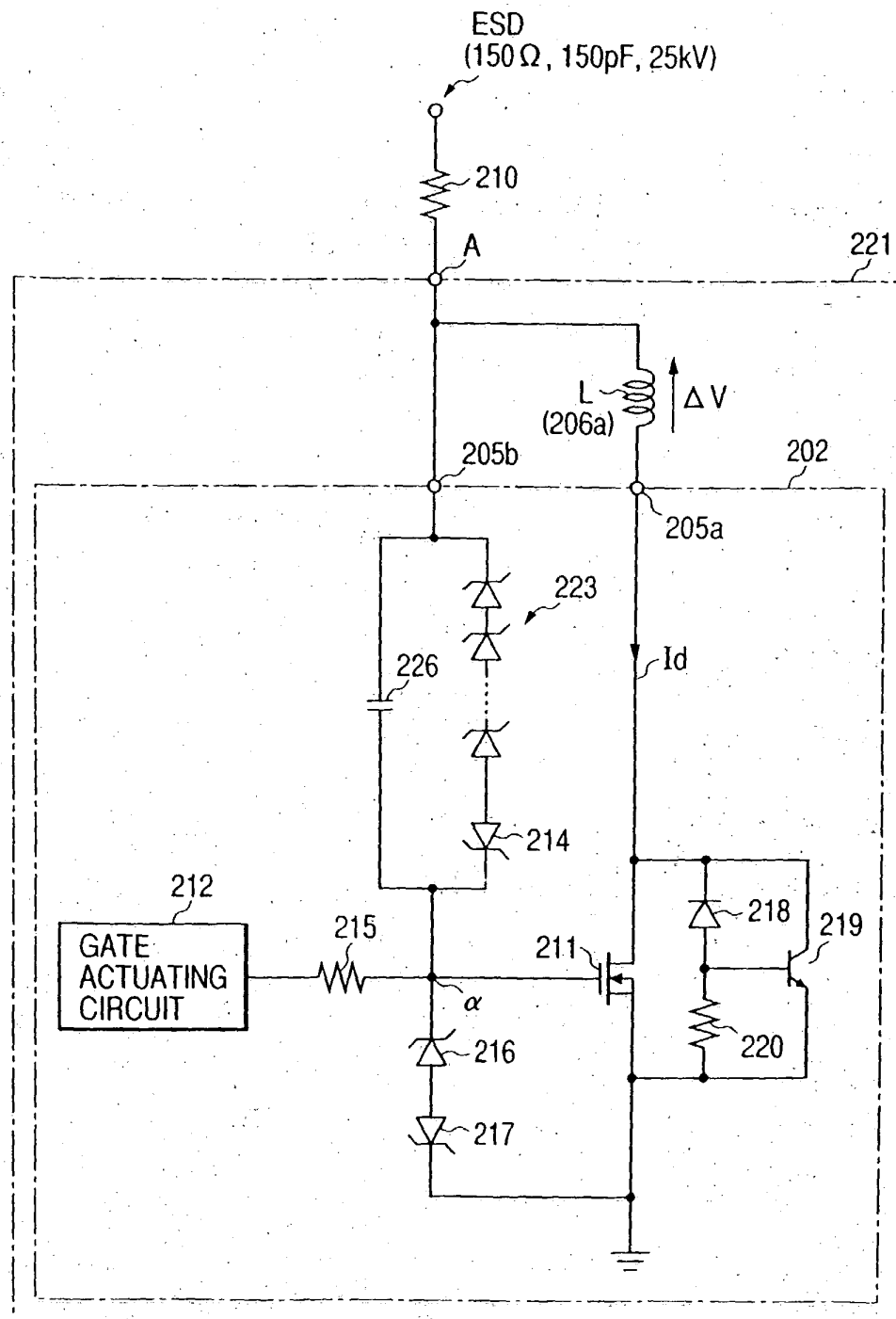
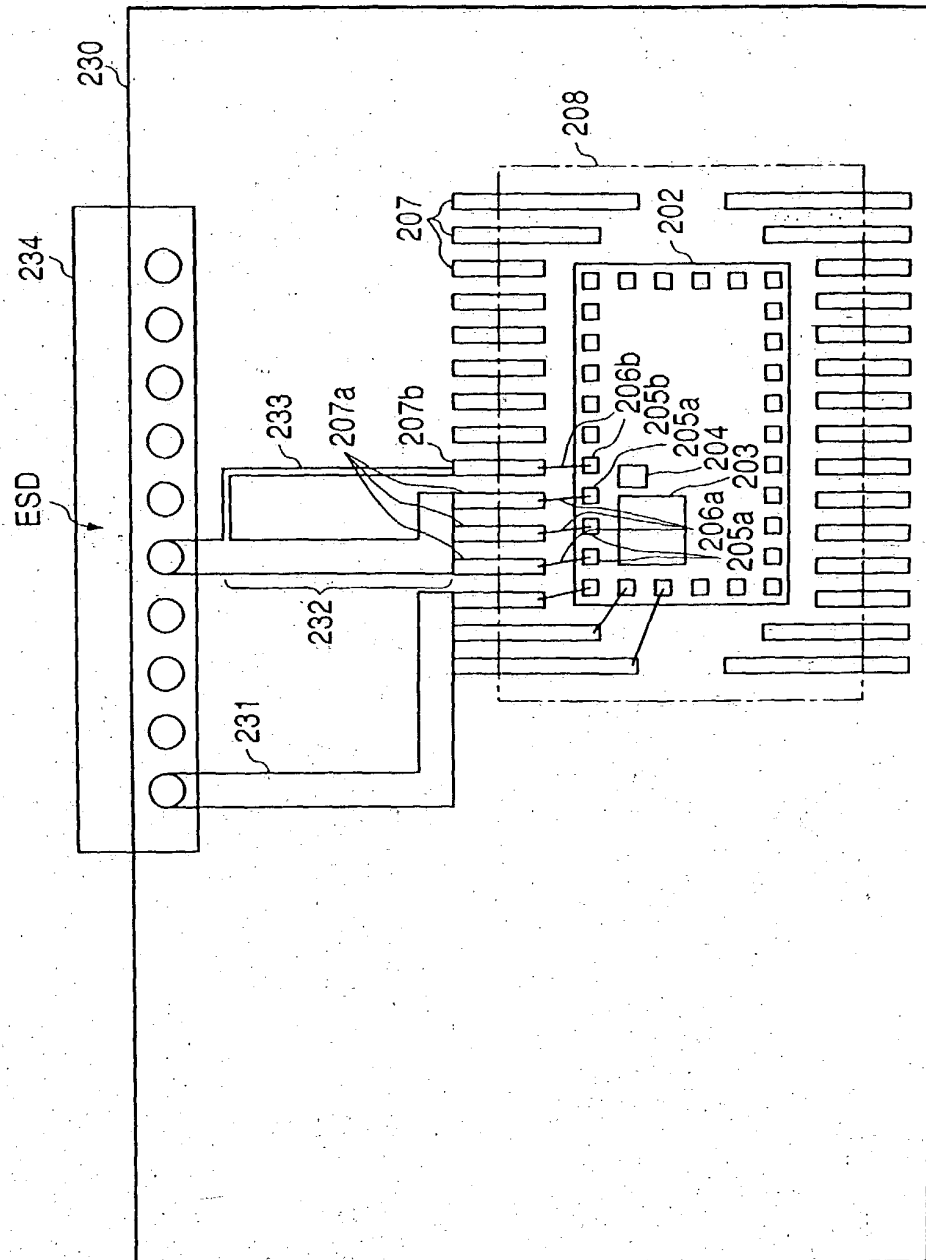


FIG. 31



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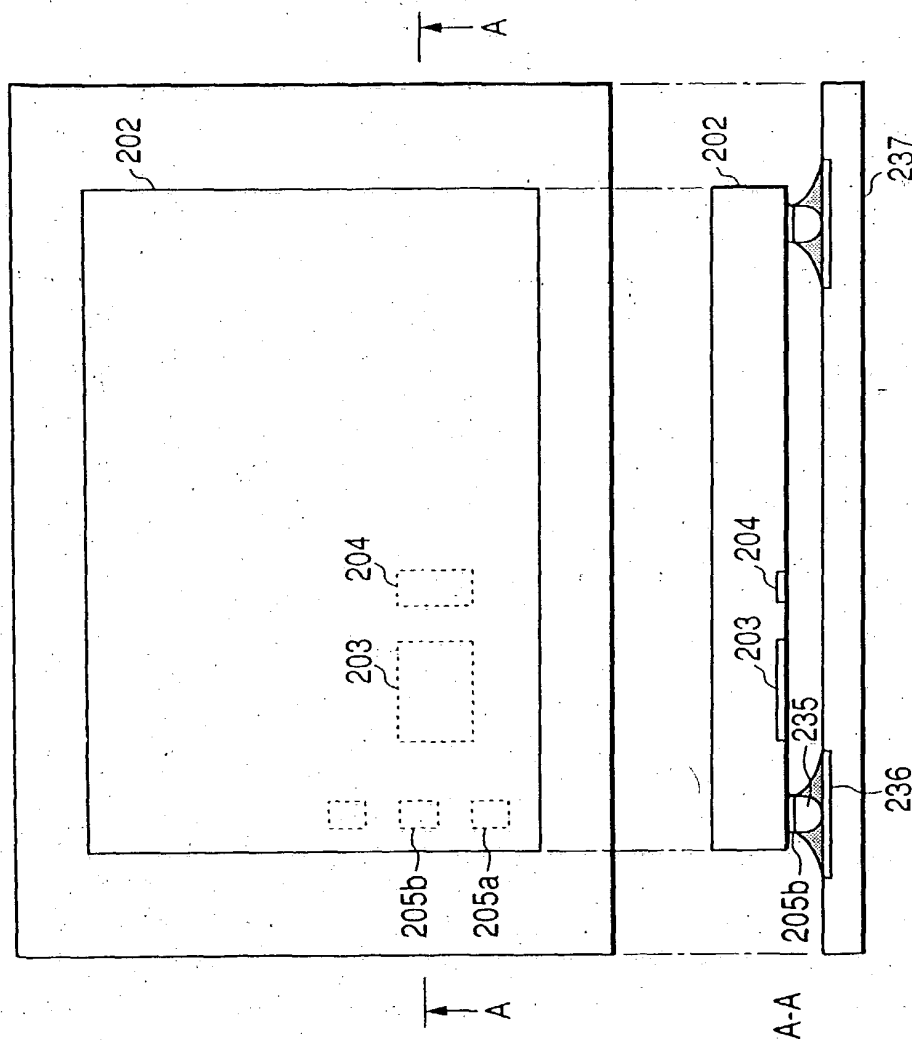
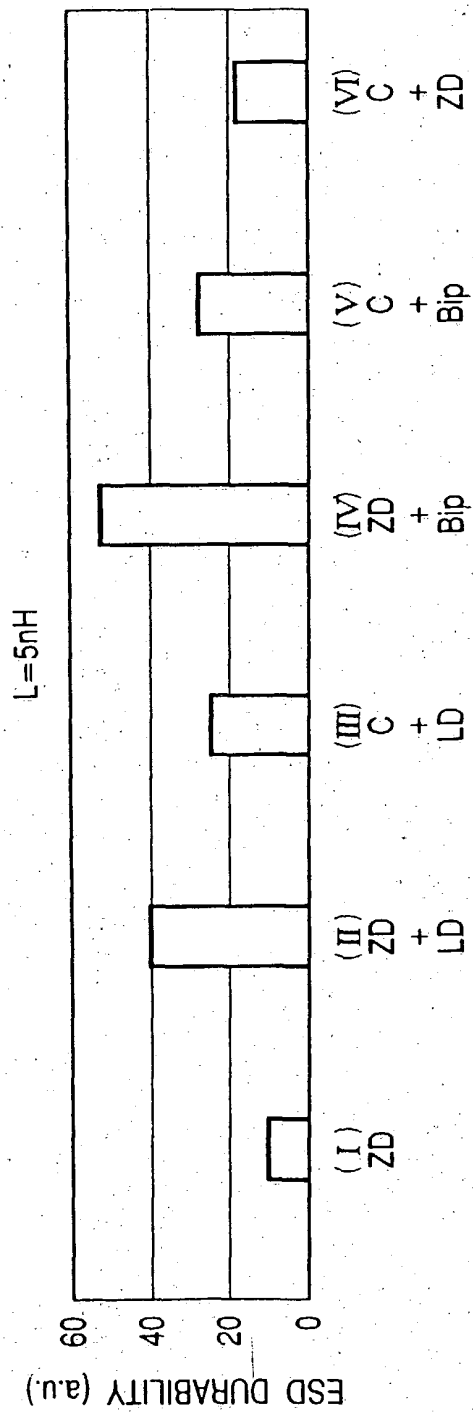


FIG. 32A

FIG. 32B

FIG. 33



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FIG. 34

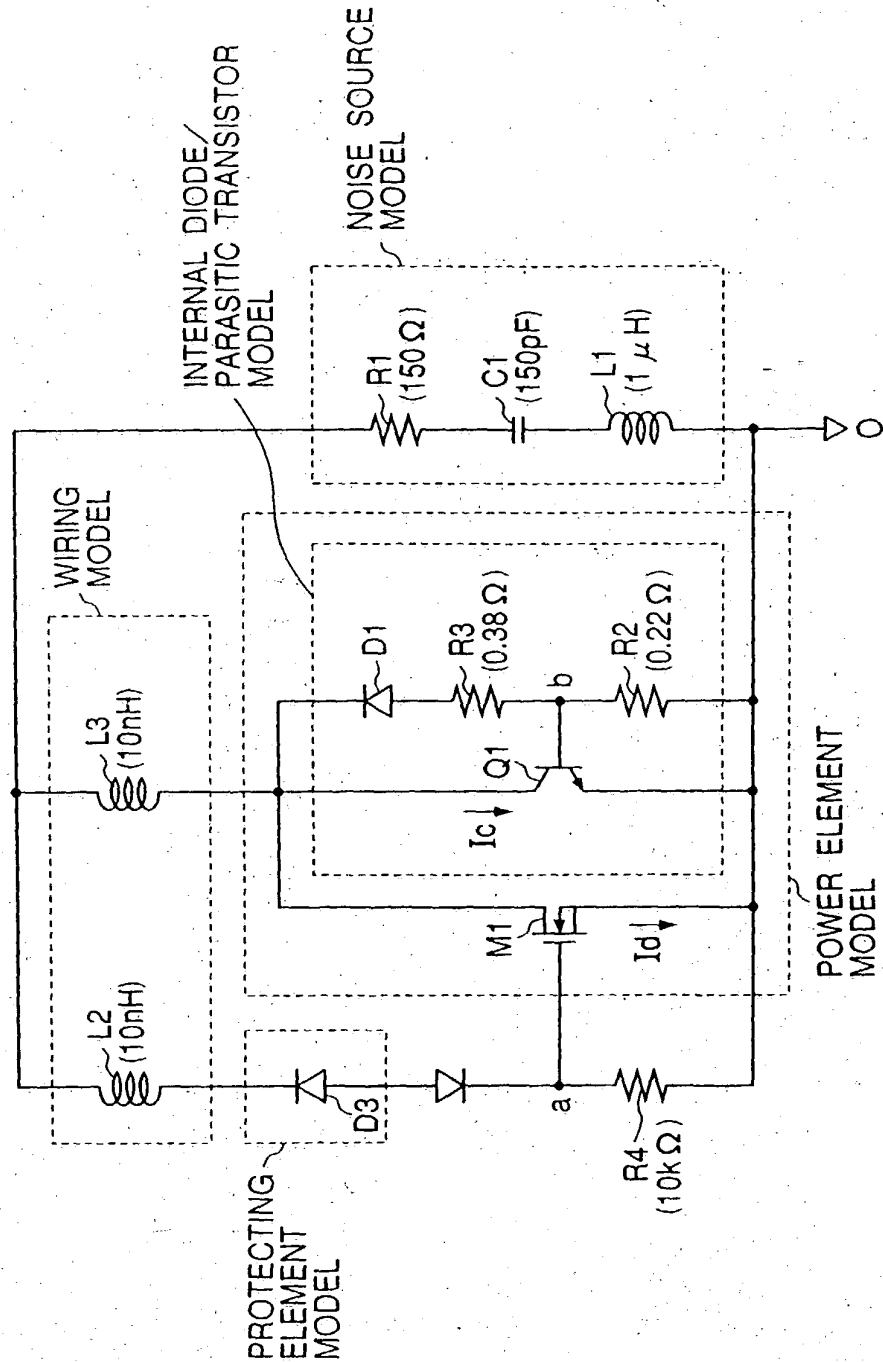
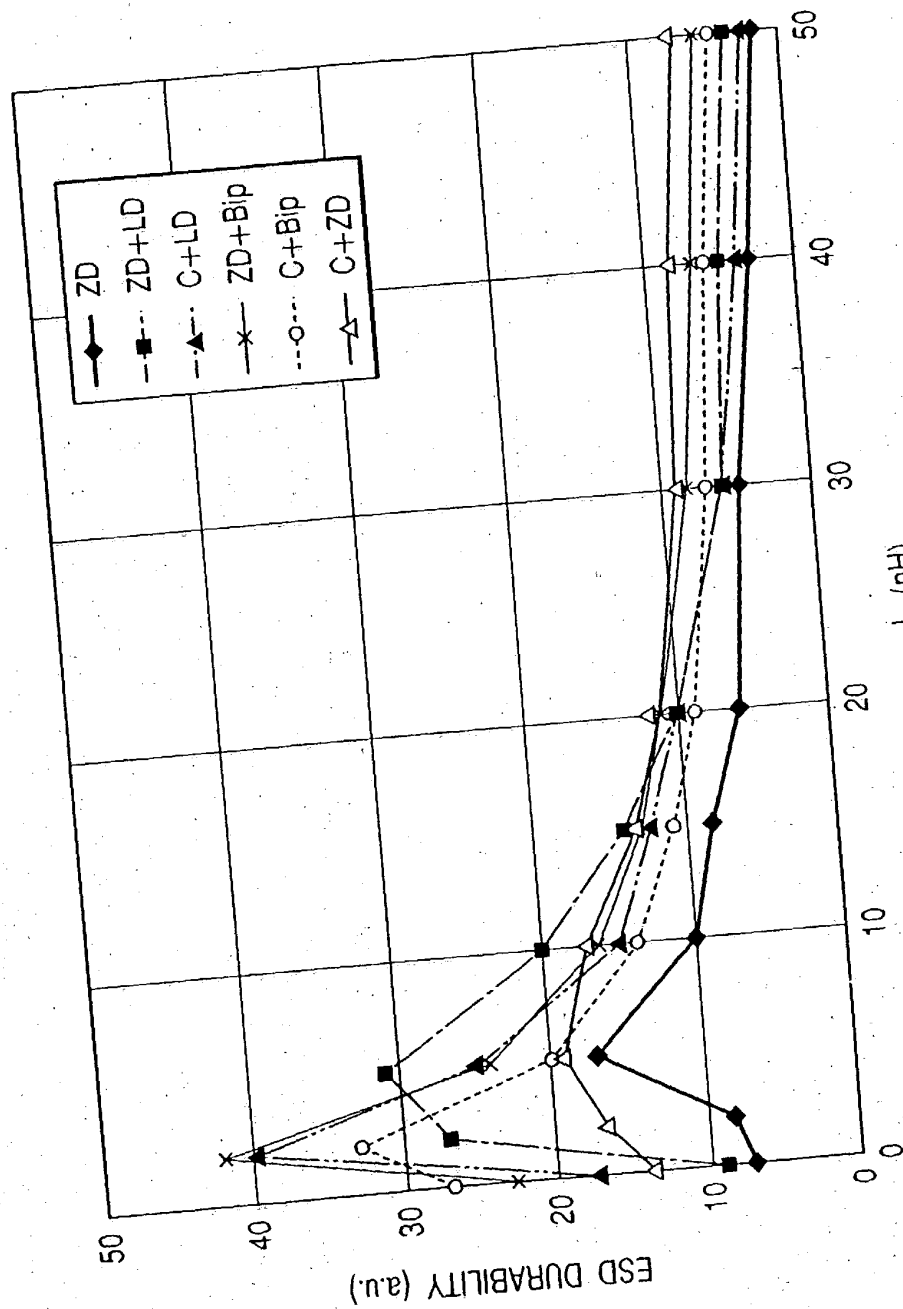


FIG. 35



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FIG. 36A

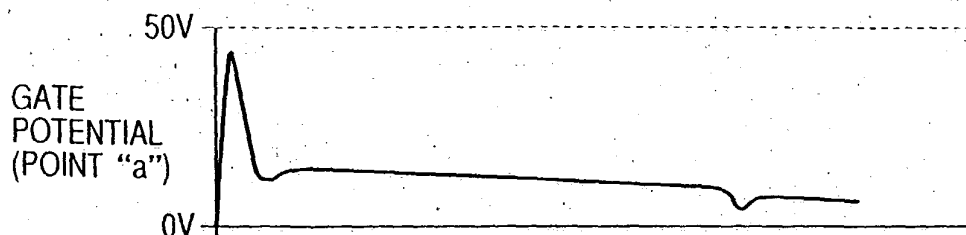


FIG. 36B

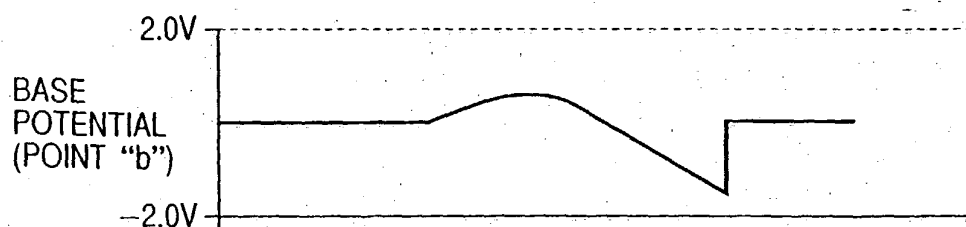


FIG. 36C

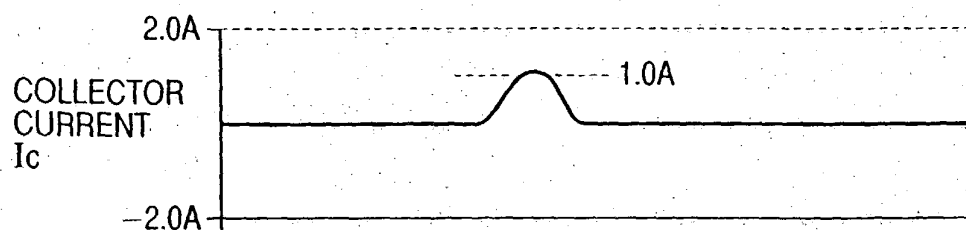


FIG. 36D

